



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1972

SERIAL NUMBER 10/630,839	FILING DATE 07/31/2003 RULE	CLASS 360	GROUP ART UNIT 2653	ATTORNEY DOCKET NO. Q76721
-----------------------------	---------------------------------------	--------------	------------------------	-------------------------------

APPLICANTS

Harumi Aoishi, Odawara-shi, JAPAN:

* CONTINUING DATA *****

* FOREIGN APPLICATIONS *****

JAPAN 224799/2002 01/08/2002

F REQUIRED, FOREIGN FILING LICENSE GRANTED

* 10/28/2003

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY JAPAN	SHEETS DRAWING 9	TOTAL CLAIMS 11	INDEPENDENT CLAIMS 2
15 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature _____ Initials _____				

ADDRESS

23373
 3UGHRUE MION, PLLC
 2100 PENNSYLVANIA AVENUE, N.W.
 SUITE 800
 WASHINGTON, DC
 20037

TITLE

DISK CARTRIDGE HAVING SPRING MEMBER WITH EFFECTIVE LENGTH SHORTER THAN STROKE OF ROTARY SHUTTER AND DISK DRIVE THEREOF

FILING FEE RECEIVED 750	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---